

Converting Colors

XYZ(33.3898, 33.7041, 35.3374)

Have a look what the booklet for
XYZ(33.3898, 33.7041, 35.3374)
contains.

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Color

**XYZ(33.3247, 33.6598,
35.3124)**

Conversions

Conversions Part 1

Format	Color
Hex	A79A9A
RGB	167, 154, 154
RGB Percent	65%, 60%, 60%
CMY	0.3451, 0.3961, 0.3961
CMYK	0.00, 0.08, 0.08, 0.35
HSL	0°, 7%, 63%
HSV	0°, 8%, 65%
XYZ	33.3247, 33.6598, 35.3124
YIQ	157.8870, 7.7480, 2.7560

Conversions

Conversions Part 2

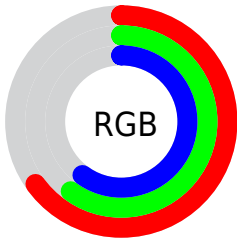
Format	Color
RYB	167, 154, 154
Decimal	10984090
CIELab	64.69, 4.76, 1.71
CIELCh	65, 5.061, 19.789
Yxy	33.6598, 0.3258, 0.3290
Android (android.graphics.Color)	4289174170 (0xFFA79A9A)
YUV	157.8870, -1.9163, 7.9921
Hunter-Lab	58.0171, 0.9996, 4.5248

Details

The XYZ color **33.3247, 33.6598, 35.3124** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.1201, 37.2968, 41.9603**, and the grayscale version is **32.4549, 34.1451, 37.1840**.

A 20% lighter version of the original color is **64.0652, 65.1954, 68.8819**, and **14.3687, 14.3246, 14.8396** is the 20% darker color. If you saturate the color by 10%, you get **29.4630, 28.0094, 27.6337**, and if you desaturate by 10%, it is **37.7651, 40.1572, 44.1396**.

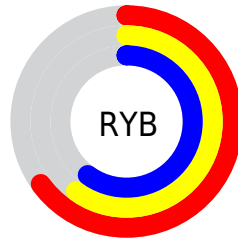
Distribution



Red (65%)

Green (60%)

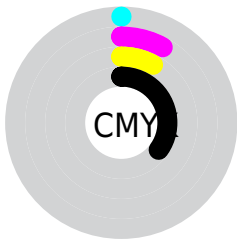
Blue (60%)



Red (65%)

Yellow (60%)

Blue (60%)

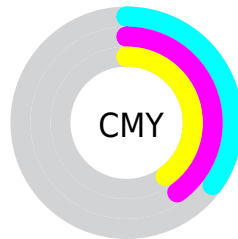


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (35%)



Cyan (35%)

Magenta (40%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.3247, 33.6598, 35.3124 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 33.3247, 33.6598, 35.3124 by changing the saturation by 10% instead.

■ 33.3247, 33.6598,
35.3124

■ 33.3247, 33.6598,
35.3124

308.7495,
318.6124, 340.8912

■ 22.5357, 22.6324,
23.6181

■ 64.2334, 65.4043,
69.1265

■ 14.3699, 14.3223,
14.8410

■ 85.0839, 86.8901,
92.0834

■ 8.4618, 8.3452,
8.5625

110.0189,
112.6309, 119.6316

■ 4.4461, 4.3166,
4.3640

139.4038,
143.0110, 152.1897

■ 1.9575, 1.8522,
1.8271

173.6040,
178.4148, 190.1761

■ 0.6099, 0.5194,
0.4457

212.9847,

■ 0.0000, 0.0000,

219.2267, 234.0095

0.0000

257.9114,
265.8311, 284.1083

■ 33.3247, 33.6598,
35.3124

■ 33.3247, 33.6598,
35.3124

■ 29.4630, 28.0094,
27.6337

■ 37.7651, 40.1572,
44.1396

■ 26.1536, 23.1669,
21.0543

■ 42.8037, 47.5297,
54.1574

■ 23.3720, 19.0967,
15.5245

■ 48.4626, 55.8098,
65.4086

■ 21.0911, 15.7590,
10.9900

■ 54.7619, 65.0268,
77.9331

■ 19.2810, 13.1102,
7.3919

■ 61.7207, 75.2088,
91.7692

■ 17.9089, 11.1023,
4.6646

■ 69.3575, 86.3828,
106.9533

■ 16.9377, 9.6811,
2.7345

■ 69.7465, 86.9556,
107.7158

■ 16.3243, 8.7833,
1.5156

■ 15.9974, 8.3049,
0.8661

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.3867, 33.6598, 37.3634



33.3247, 33.6598, 35.3124



32.9027, 33.6598, 33.6797

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



33.3247, 33.6598, 35.3124



30.9380, 33.6598, 34.1279



31.7457, 33.6598, 40.7284

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



33.3247, 33.6598, 35.3124



34.1201, 37.2968, 41.9603

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



31.0995, 33.6598, 39.7896



33.3247, 33.6598, 35.3124



30.6379, 33.6598, 35.9454

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



33.3247, 33.6598, 35.3124



31.5222, 33.6598, 33.0139



30.6965, 33.6598, 38.0205



32.4677, 33.6598, 40.5433

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



33.3247, 33.6598, 35.3124



32.4775, 33.6598, 33.0233



30.6965, 33.6598, 38.0205



31.5126, 33.6598, 40.5325

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



33.3256, 33.6613, 35.3131



64.1247, 66.7831, 72.0729



34.4675, 34.1172, 41.3283



14.3704, 14.9748, 16.1693



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



33.3256, 33.6613, 35.3131



58.6693, 58.8006, 61.2266



34.4272, 35.8644, 35.6803



7.5313, 7.5426, 7.8482



12.1950, 6.2873, 0.5708



0.2967, 0.1531, 0.0139

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



34.1201, 37.2968, 41.9603



60.3287, 66.3944, 75.1110



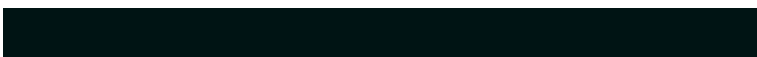
32.9596, 34.9758, 41.5735



7.7474, 8.5318, 9.6568



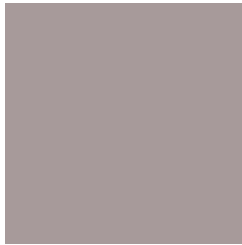
15.9061, 23.2724, 31.6292



0.3870, 0.5663, 0.7696

Previews

White Background



This preview shows how the XYZ color 33.3247, 33.6598, 35.3124 looks on a white background.

Color Contrast Check

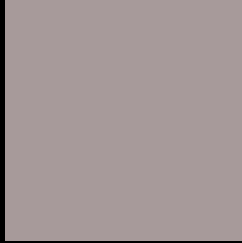
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 33.3247, 33.6598, 35.3124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

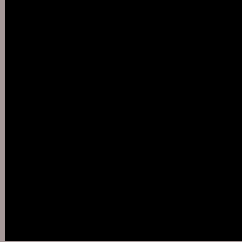
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.3247, 33.6598, 35.3124

Background



This preview shows how black text looks on a background with the XYZ color 33.3247, 33.6598, 35.3124.



This preview shows how white text looks on a background with the XYZ color 33.3247, 33.6598,

35.3124.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

33.3247, 33.6598, 35.3124

Protanopia

32.3021, 33.6171, 35.7966

Deuteranopia

34.2946, 33.6738, 35.2640



Tritanopia

34.0775, 33.4616, 39.7846

Trichromacy



Original Color

33.3247, 33.6598, 35.3124

Protanomaly

32.7420, 33.5958, 35.7693

Deuteranomaly

34.0186, 33.7735, 35.2978

Tritanomaly

33.8848, 33.6454, 37.9660

Monochromacy



Original Color

33.3247, 33.6598, 35.3124

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.8407, 34.1253, 36.7542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3247, 33.6598, 35.3124 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(167, 154, 154)` looks like.

```
.text, #text, p{  
    color:rgb(167, 154, 154)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(167, 154, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 154, 154) }
```

Border

The CSS property to change the border of an element to XYZ 33.3247, 33.6598, 35.3124 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 154, 154) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(167, 154, 154) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(167, 154, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 154, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 154, 154);  
box-shadow:4px 4px 4px 4px rgb(167, 154,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3247, 33.6598, 35.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 154, 154) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(167,  
154, 154) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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